

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022615\
 Data File : BG016048.D
 Acq On : 26 Feb 2015 16:08
 Operator : TP/IZ
 Sample : G1354-04RX
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AD9

Quant Time: Feb 27 00:16:36 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-MA-BG021915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 27 00:07:28 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	63133	20.00	ng/ul	0.00
16) Naphthalene-d8	10.59	136	289402	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.44	164	178903	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.17	188	368047	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	367343	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	369435	20.00	ng/ul	0.00

System Monitoring Compounds

3) Phenol-d5	6.97	99	96314	16.04	ng/ul	0.00
5) Bis-(2-Chloroethyl)ether-d	7.14	67	57178	16.12	ng/ul	0.00
7) 2-Chlorophenol-d4	7.34	132	74354	16.73	ng/ul	0.00
11) 4-Methylphenol-d8	8.50	113	73727	16.59	ng/ul	0.00
17) Nitrobenzene-d5	8.96	128	38114	18.63	ng/ul	0.00
20) 2-Nitrophenol-d4	9.68	143	33310	17.65	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.21	165	66282	16.19	ng/ul	0.00
27) 4-Chloroaniline-d4	10.73	131	115643	25.65	ng/ul	0.00
41) Dimethylphthalate-d6	13.84	166	224776	18.79	ng/ul	0.00
44) Acenaphthylene-d8	14.12	160	297043	17.55	ng/ul	0.00
49) 4-Nitrophenol-d4	14.62	143	30226	12.57	ng/ul	0.00
55) Fluorene-d10	15.42	176	213178	17.73	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.53	200	13962	9.84	ng/ul	0.00
68) Anthracene-d10	17.27	188	321957	18.44	ng/ul	0.00
76) Pyrene-d10	19.56	212	325212	18.85	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	299766	17.89	ng/ul	-0.01

Target Compounds

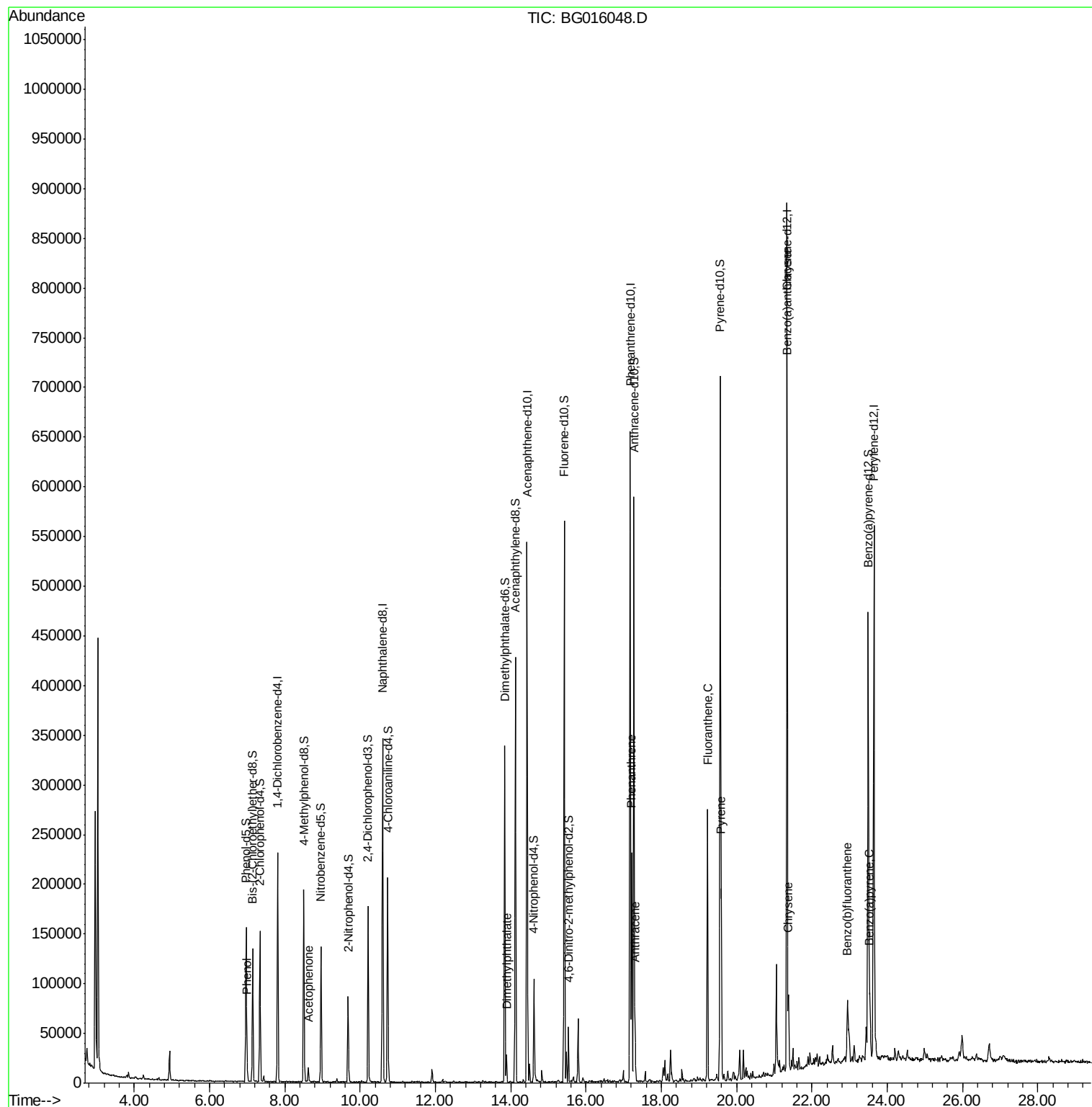
						Qvalue
4) Phenol	6.99	94	11021	1.74	ng/ul	95
12) Acetophenone	8.63	105	7892	1.17	ng/ul	96
42) Dimethylphthalate	13.89	163	18394	1.48	ng/ul	98
67) Phenanthrene	17.21	178	133444	6.52	ng/ul	98
69) Anthracene	17.30	178	42610	2.04	ng/ul	97
74) Fluoranthene	19.23	202	147941	6.61	ng/ul	99
77) Pyrene	19.59	202	114242	5.11	ng/ul	93
80) Benzo(a)anthracene	21.33	228	55024	2.69	ng/ul	99
82) Chrysene	21.38	228	41005	2.11	ng/ul	98
85) Benzo(b)fluoranthene	22.95	252	49386	2.40	ng/ul	97
88) Benzo(a)pyrene	23.54	252	37235	1.82	ng/ul	100

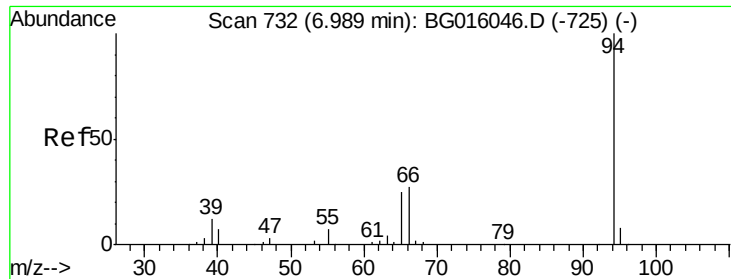
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Phenol

Concen: 1.74 ng/ul

RT: 6.99 min Scan# 733

Delta R.T. 0.00 min

Lab File: BG016048.D

Acq: 26 Feb 2015 16:08

Instrument :

BNA_G

ClientSampleId :

C0AD9

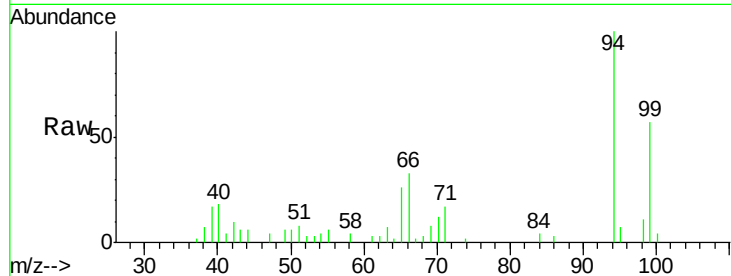
Tgt Ion: 94 Resp: 11021

Ion Ratio Lower Upper

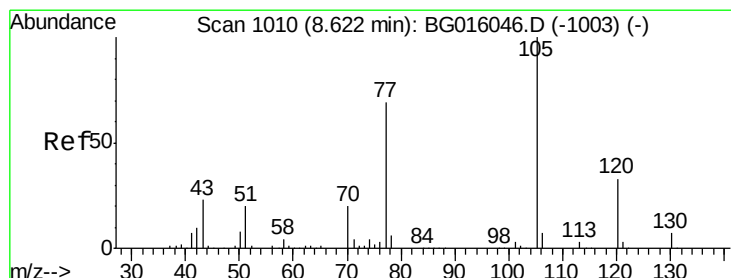
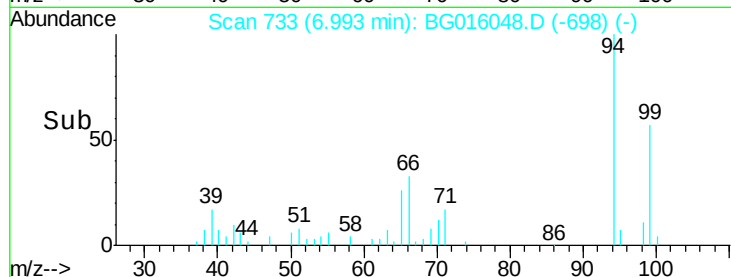
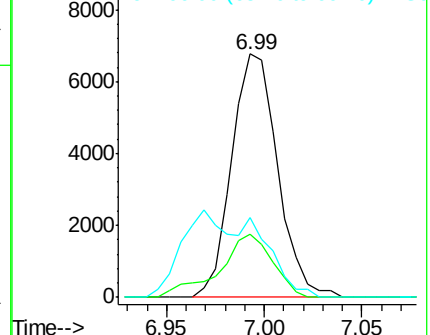
94 100

65 25.9 20.8 31.2

66 33.0 22.6 34.0



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#12

Acetophenone

Concen: 1.17 ng/ul

RT: 8.63 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BG016048.D

Acq: 26 Feb 2015 16:08

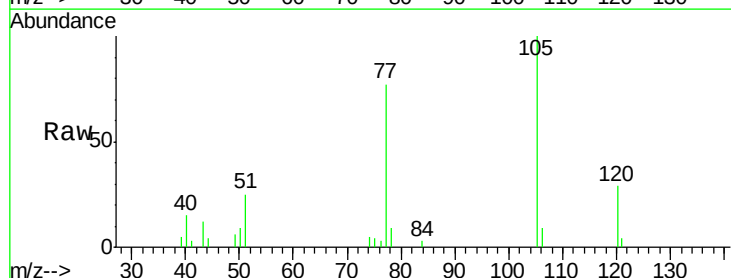
Tgt Ion: 105 Resp: 7892

Ion Ratio Lower Upper

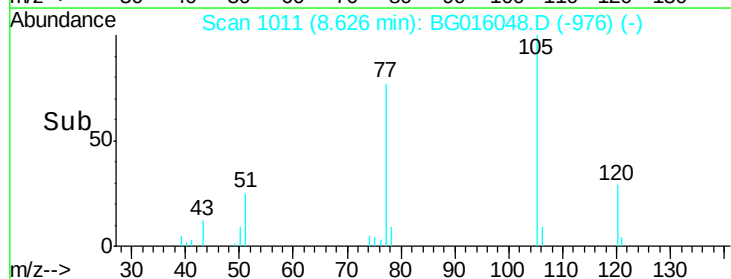
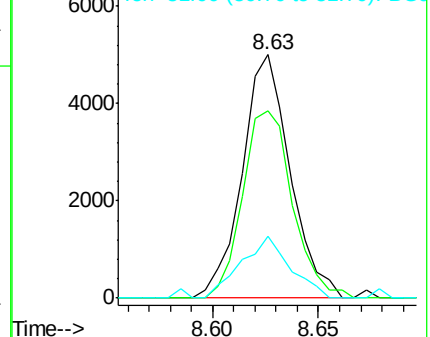
105 100

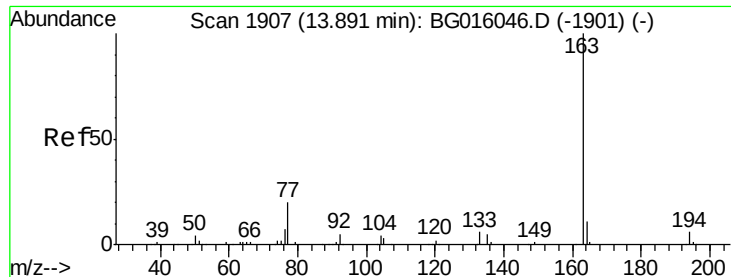
77 77.1 64.9 97.3

51 25.1 19.4 29.0



Abundance Ion 105.00 (104.70 to 105.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 51.00 (50.70 to 51.70): BGC





#42

Dimethylphthalate

Concen: 1.48 ng/ul

RT: 13.89 min Scan# 1907

Delta R.T. -0.00 min

Lab File: BG016048.D

Acq: 26 Feb 2015 16:08

Instrument :

BNA_G

ClientSampleId :

C0AD9

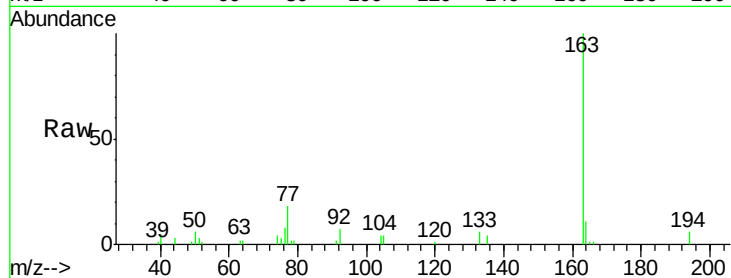
Tgt Ion:163 Resp: 18394

Ion Ratio Lower Upper

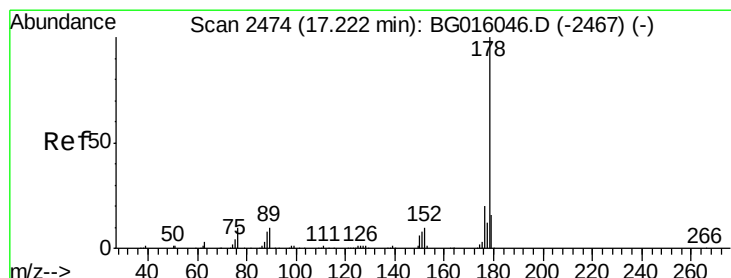
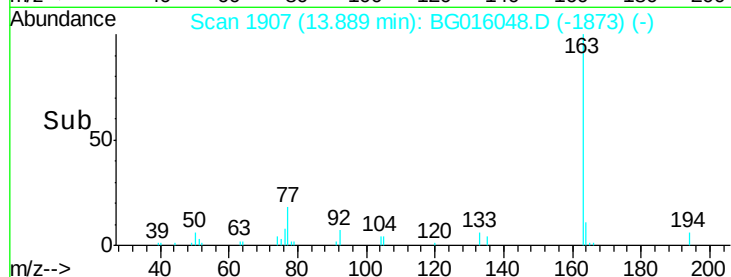
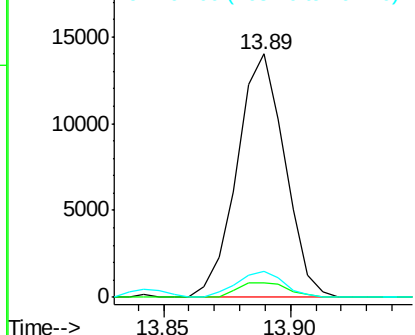
163 100

194 5.7 5.3 7.9

164 10.9 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#67

Phenanthrene

Concen: 6.52 ng/ul

RT: 17.21 min Scan# 2473

Delta R.T. -0.01 min

Lab File: BG016048.D

Acq: 26 Feb 2015 16:08

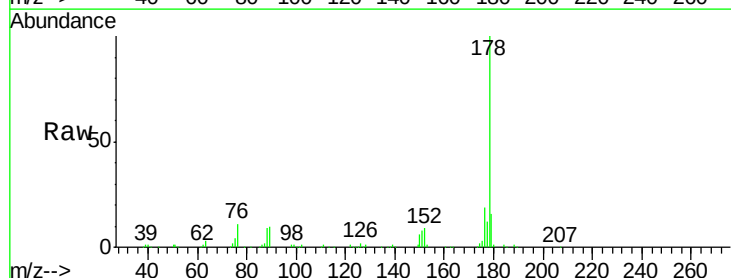
Tgt Ion:178 Resp: 133444

Ion Ratio Lower Upper

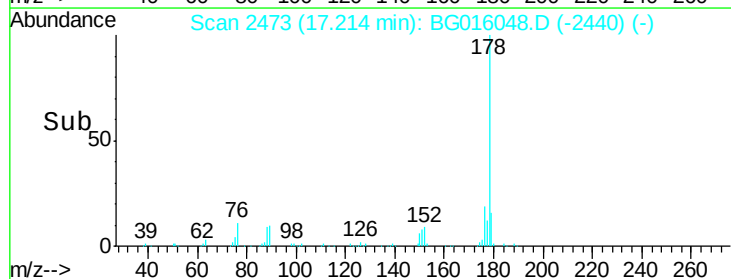
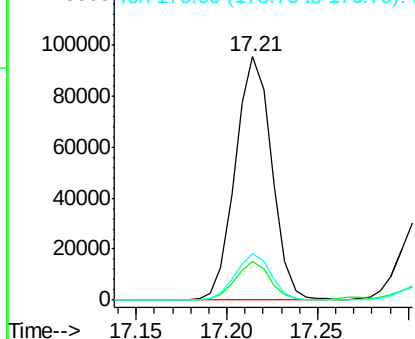
178 100

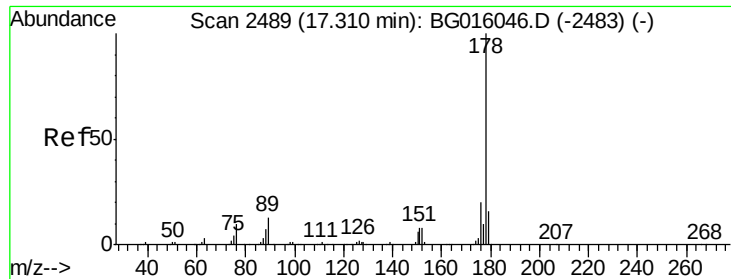
179 16.0 12.8 19.2

176 19.1 16.5 24.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#69

Anthracene

Concen: 2.04 ng/ul

RT: 17.30 min Scan# 2488

Delta R.T. -0.01 min

Lab File: BG016048.D

Acq: 26 Feb 2015 16:08

Instrument :

BNA_G

ClientSampleId :

C0AD9

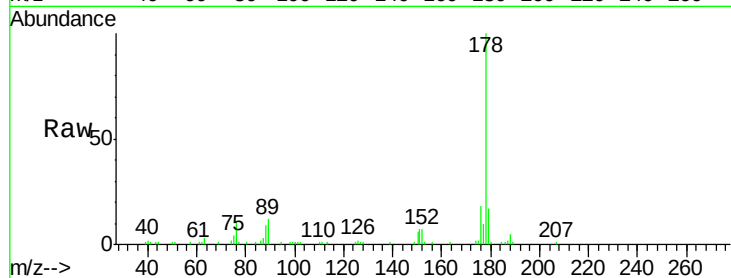
Tgt Ion:178 Resp: 42610

Ion Ratio Lower Upper

178 100

179 17.2 12.9 19.3

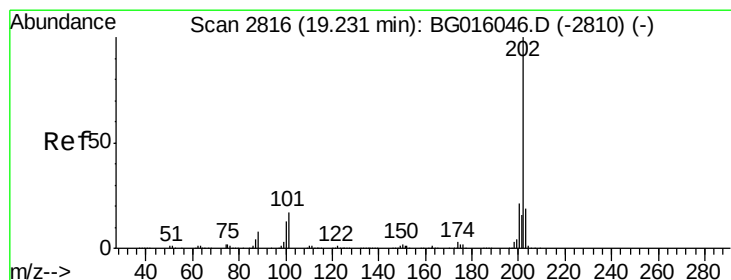
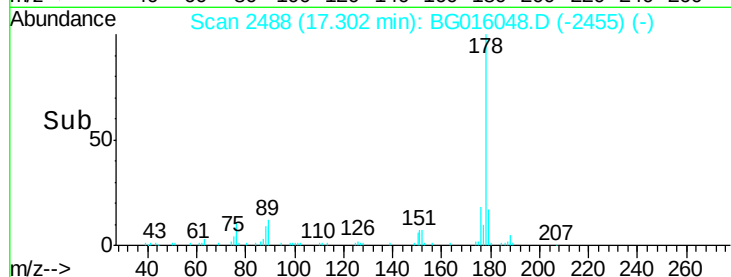
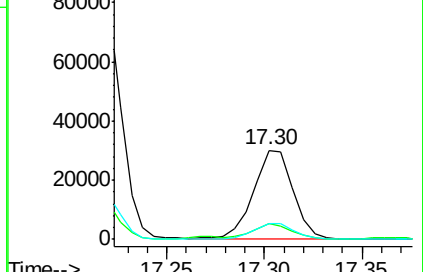
176 18.3 15.7 23.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#74

Fluoranthene

Concen: 6.61 ng/ul

RT: 19.23 min Scan# 2816

Delta R.T. -0.00 min

Lab File: BG016048.D

Acq: 26 Feb 2015 16:08

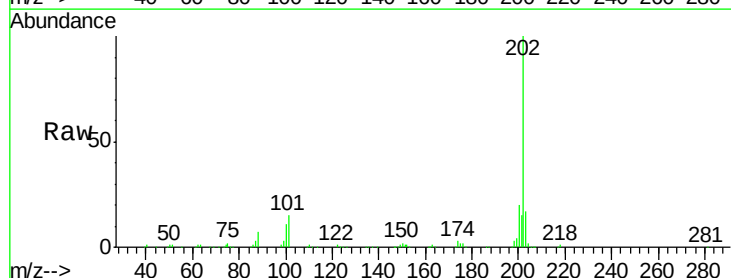
Tgt Ion:202 Resp: 147941

Ion Ratio Lower Upper

202 100

101 15.2 12.3 18.5

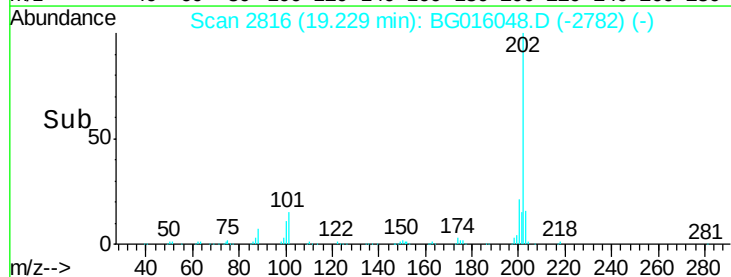
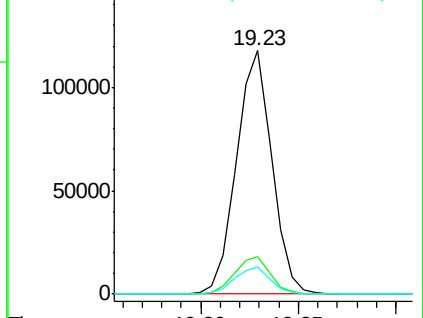
100 11.2 9.8 14.6

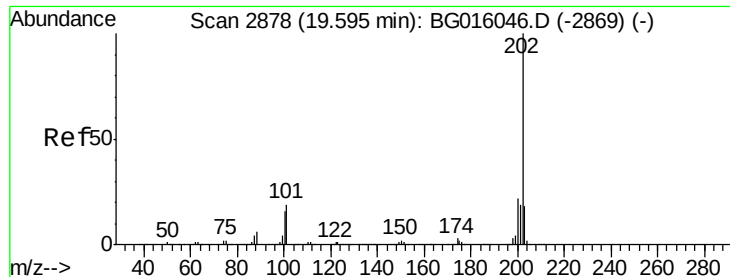


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 5.11 ng/ul

RT: 19.59 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG016048.D

Acq: 26 Feb 2015 16:08

Instrument :

BNA_G

ClientSampleId :

C0AD9

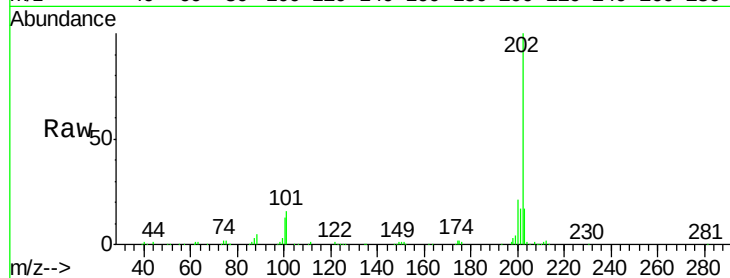
Tgt Ion:202 Resp: 114242

Ion Ratio Lower Upper

202 100

101 16.5 15.8 23.8

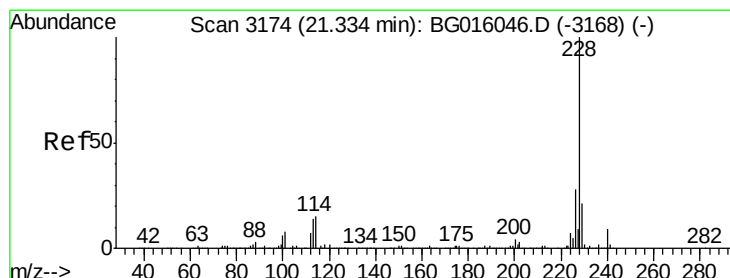
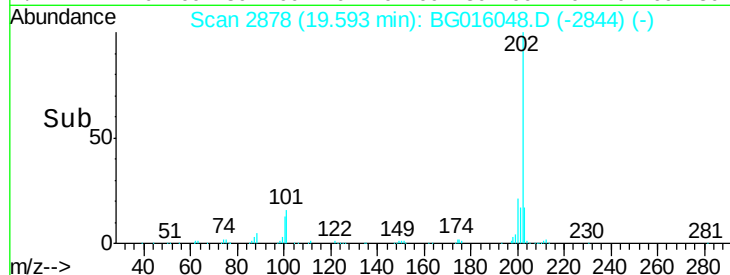
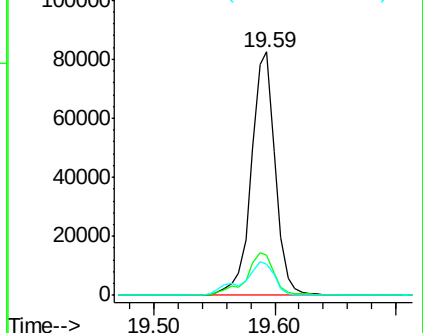
100 12.9 12.7 19.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Benzo(a)anthracene

Concen: 2.69 ng/ul

RT: 21.33 min Scan# 3174

Delta R.T. -0.00 min

Lab File: BG016048.D

Acq: 26 Feb 2015 16:08

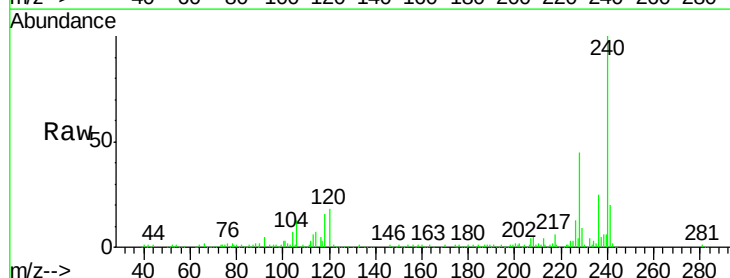
Tgt Ion:228 Resp: 55024

Ion Ratio Lower Upper

228 100

229 19.7 16.4 24.6

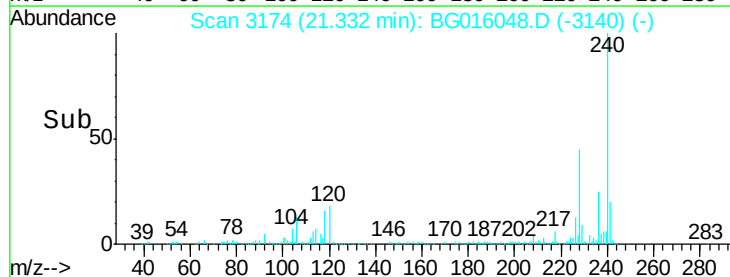
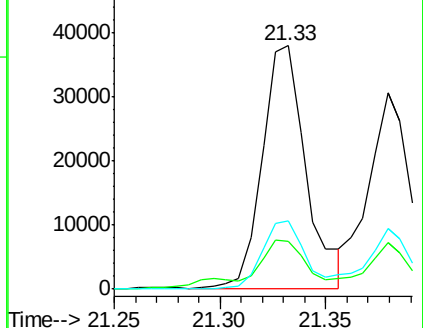
226 28.2 22.8 34.2

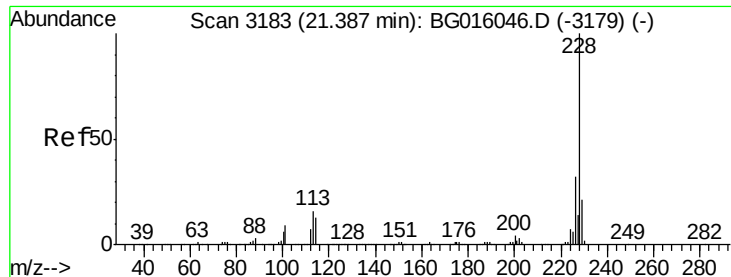


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

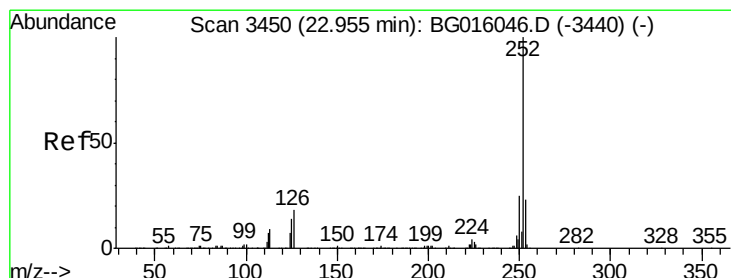
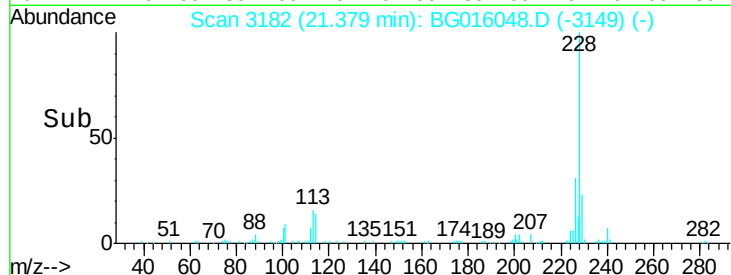
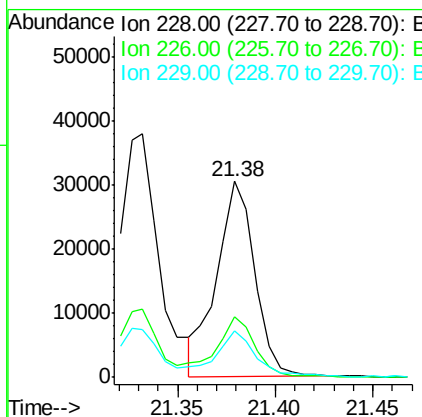
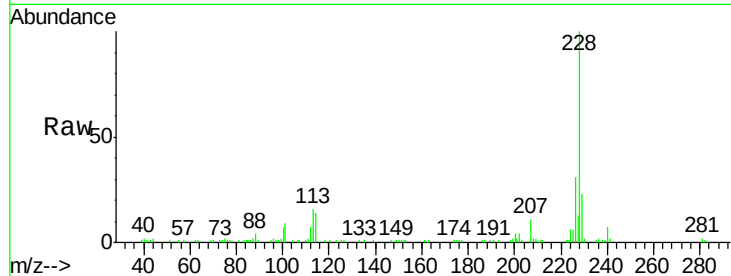




#82
Chrysene
 Concen: 2.11 ng/ul
 RT: 21.38 min Scan# 3182
 Delta R.T. -0.01 min
 Lab File: BG016048.D
 Acq: 26 Feb 2015 16:08

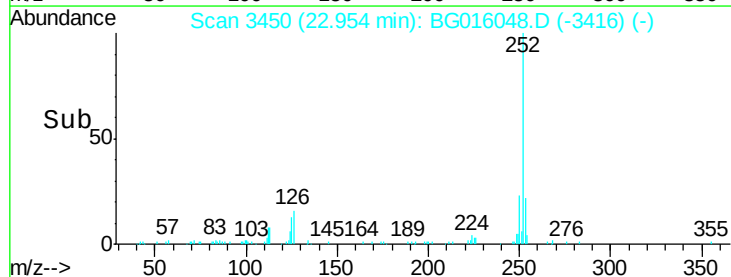
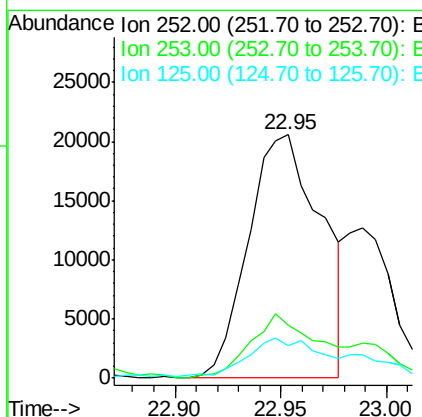
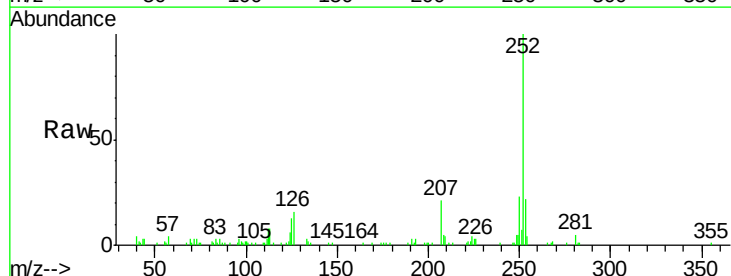
Instrument :
 BNA_G
 ClientSampled :
 C0AD9

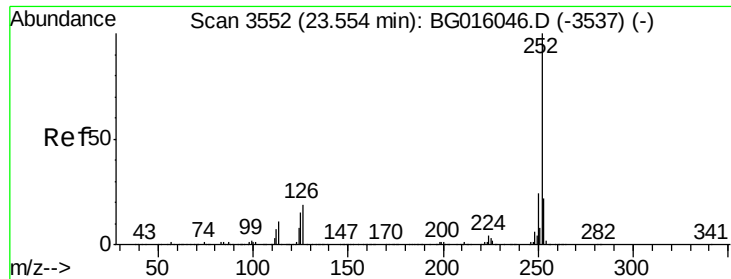
Tgt Ion: 228 Resp: 41005
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.7 37.1
 229 23.4 17.0 25.6



#85
Benzo(b)fluoranthene
 Concen: 2.40 ng/ul
 RT: 22.95 min Scan# 3450
 Delta R.T. -0.00 min
 Lab File: BG016048.D
 Acq: 26 Feb 2015 16:08

Tgt Ion: 252 Resp: 49386
 Ion Ratio Lower Upper
 252 100
 253 21.6 18.2 27.2
 125 13.4 11.9 17.9





#88

Benzo(a)pyrene

Concen: 1.82 ng/ul

RT: 23.54 min Scan# 3550

Delta R.T. -0.01 min

Lab File: BG016048.D

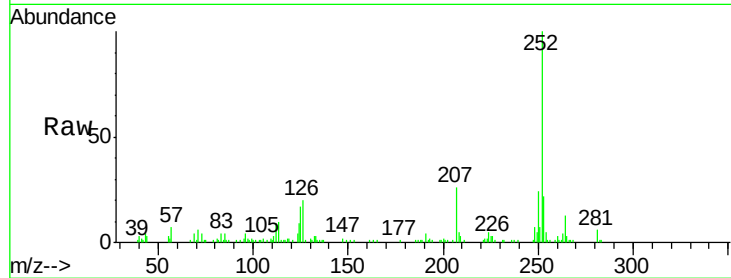
Acq: 26 Feb 2015 16:08

Instrument :

BNA_G

ClientSampleId :

C0AD9



Tgt Ion:	252	Resp:	37235
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	16.7	13.2	19.8

